



Docket No. 645-143

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT OPERATION

Applicants:

Hiroyuki Minamikawa et al.

Serial Number: 09/841,614

Filing Date: April 24, 2001

Examiner: Karl Group

Group Art Unit: 1755

Title: LOW EXPANSION TRANSPARENT GLASS-CERAMICS, GLASS-CERAMIC  
SUBSTRATE AND OPTICAL WAVEGUIDE ELEMENT

New York, NY 10036  
June 27, 2006

Mail Stop Non-Fee Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

This Amendment is being filed in response to the Office Action that was mailed March 29, 2006. Kindly amend the subject application as follows: